

DAVIS COUNTY HEALTH DEPARTMENT

COMMUNICABLE DISEASES

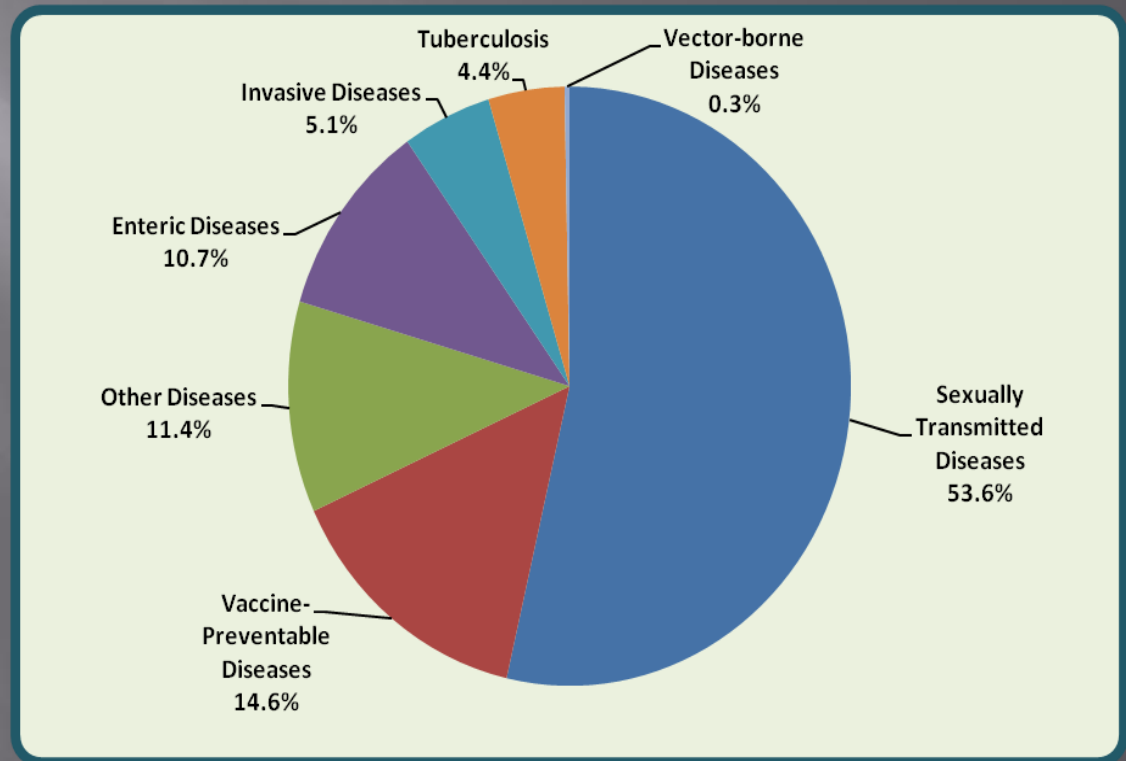
Annual Report

2013



Reportable Disease Summary

- ▣ 1,737 diseases reported in 2013
- ▣ STDs were the largest disease burden
- ▣ Annual report summarized by disease category

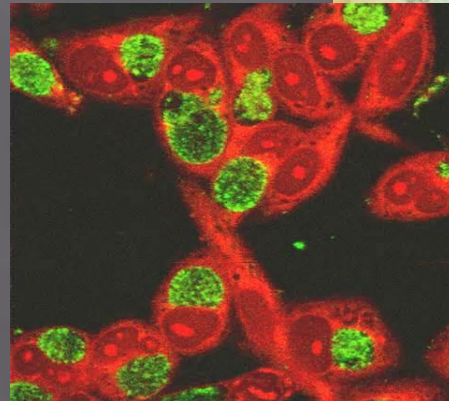
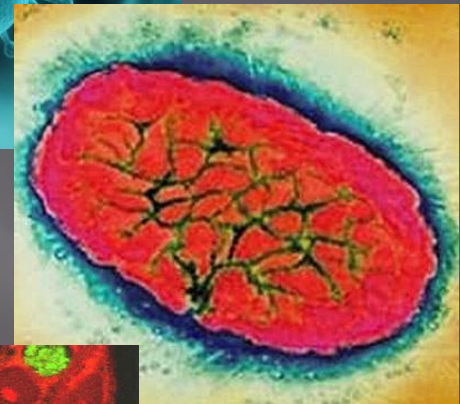
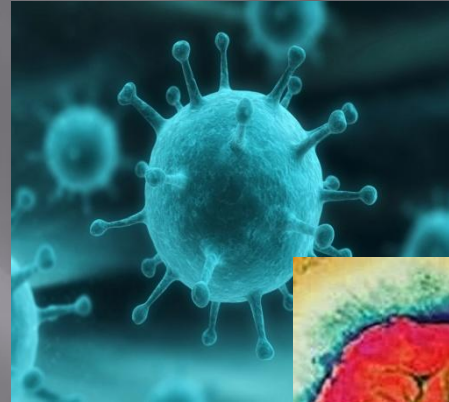


Top 10 Diseases

Disease	Rank	Number of Cases
Chlamydia	1	847
Hepatitis C, Acute & Chronic	2	190
Pertussis	3	104
Influenza, Hospitalized	4	83
Tuberculosis, Latent	5	75
Streptococcal Disease, Invasive	6	73
Gonorrhea	7	60
Salmonellosis	8	49
Campylobacteriosis	9	39
Chickenpox	9	39

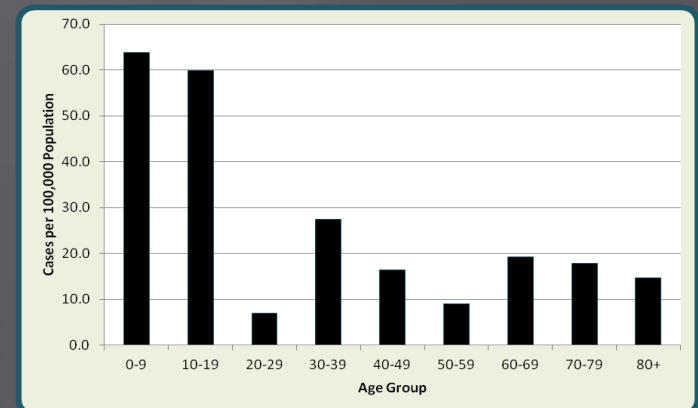
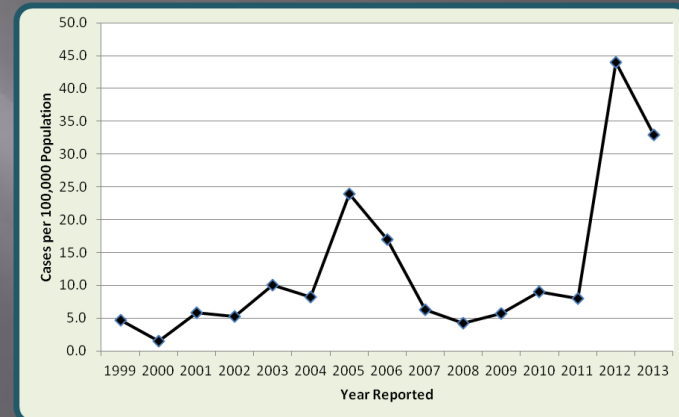
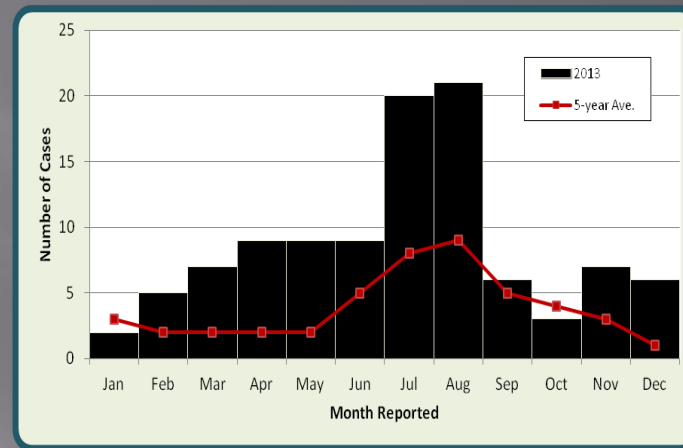
2013 Highlights

- ▣ Pertussis
- ▣ Norovirus
- ▣ Salmonellosis
- ▣ Hepatitis A
- ▣ Sexually Transmitted Diseases
- ▣ Influenza



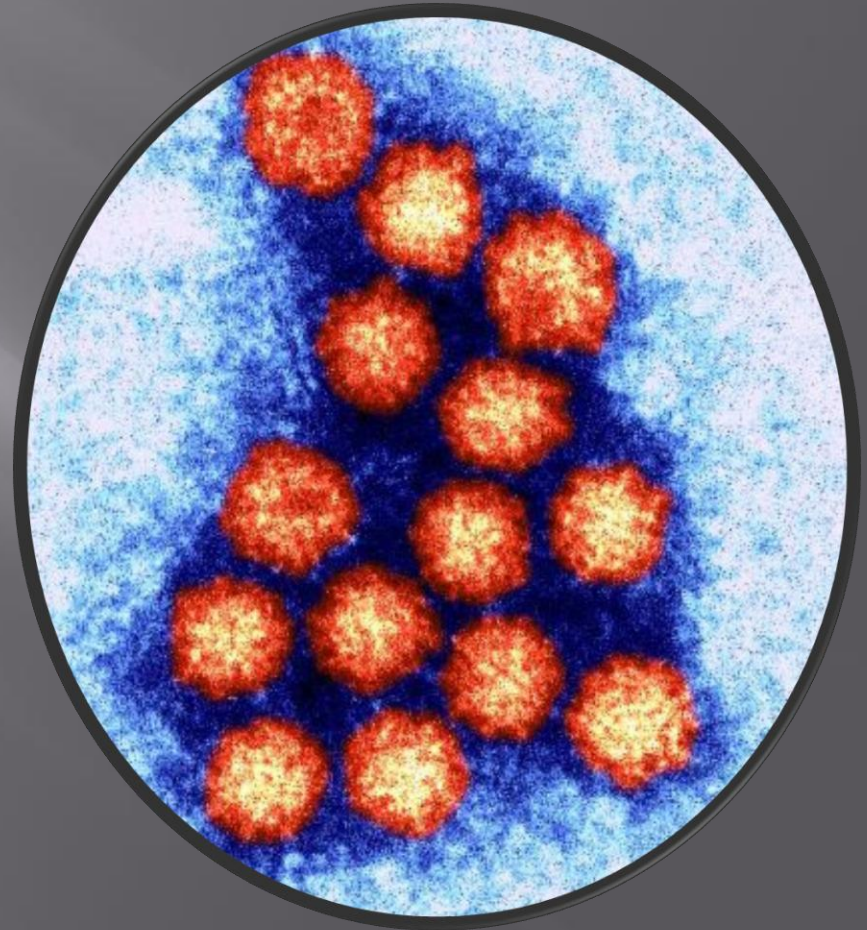
Pertussis

- ▣ 104 Cases Reported
 - Utah = 1,151
 - US = 24,231
- ▣ Cyclic disease
- ▣ Risk Factors
 - No vaccination
 - Under vaccinated
 - Waning immunity
 - Household exposure
 - Community exposures



Norovirus

- ▣ Most common cause of acute gastroenteritis in the US
- ▣ Under-reported
 - Short duration
 - Limited testing
- ▣ Interesting cluster in LTC facility



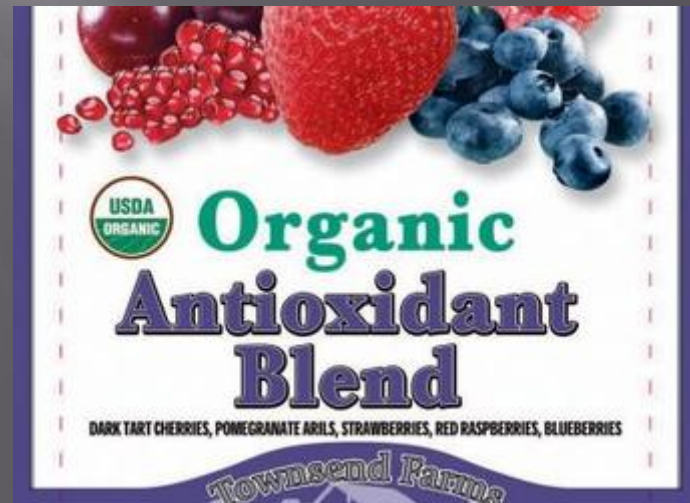
Salmonellosis

- ▣ 49 Cases Reported
- ▣ 157% increase
- ▣ Some associated with State and National outbreaks
 - Raw milk
 - Live baby poultry
 - Tapas restaurant



Hepatitis A

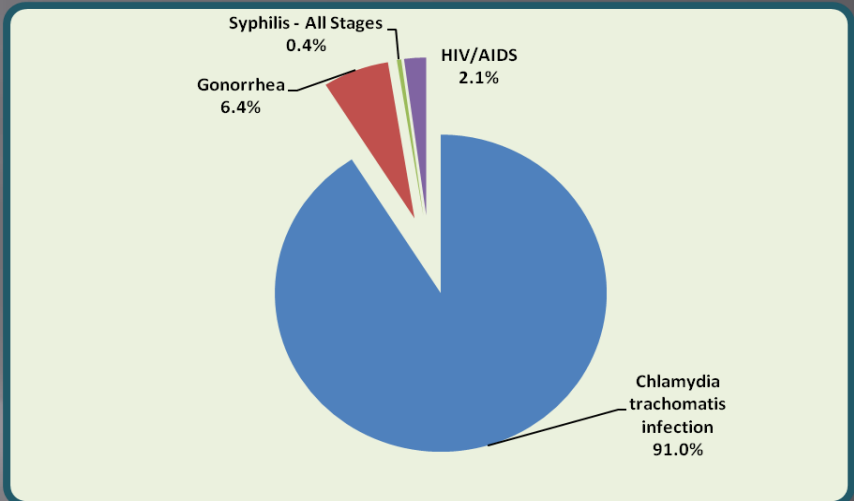
- ▣ 3 Cases in 2013
 - Several others ruled out
- ▣ National Outbreak:
 - 2/3 Utah cases were Davis County
 - Recall of frozen berries
 - Strain seen in the Middle East associated with pomegranate seeds



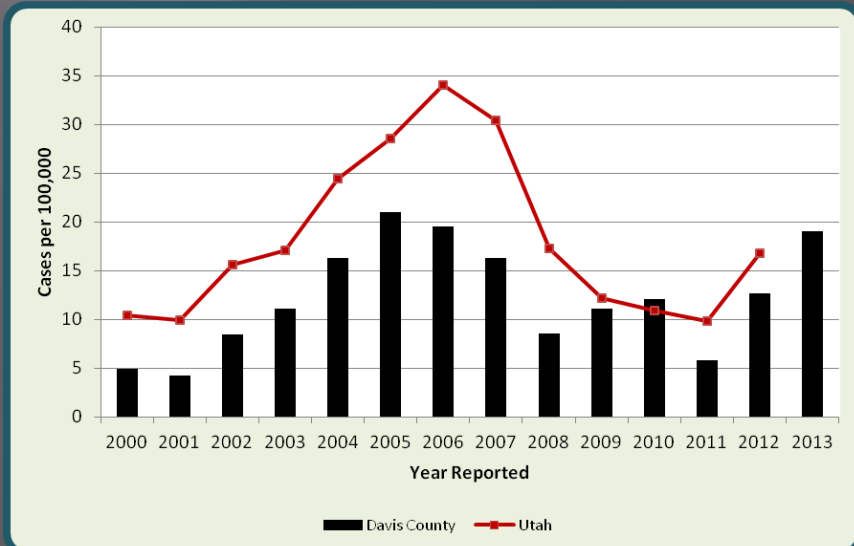
Sexually Transmitted Diseases

- ▣ Largest disease burden
 - 53.6 % of all diseases reported
- ▣ Rates:
 - Chlamydia
 - US (457/100,000)
 - Utah (260/100,000)*
 - Davis (264/100,000)
 - Gonorrhea
 - US (108/100,000)
 - Utah (32.6/100,000)*
 - Davis (19/100,000)
- ▣ Chlamydia
 - 91 % of STDs reported
- ▣ Gonorrhea
 - 50 % increase in reported cases
 - More cases in females
 - Affecting younger population
 - More cases in heterosexual population

Sexually Transmitted Diseases, Davis County, 2013



Gonorrhea Rates by Year, Davis County & Utah, 2000-2013

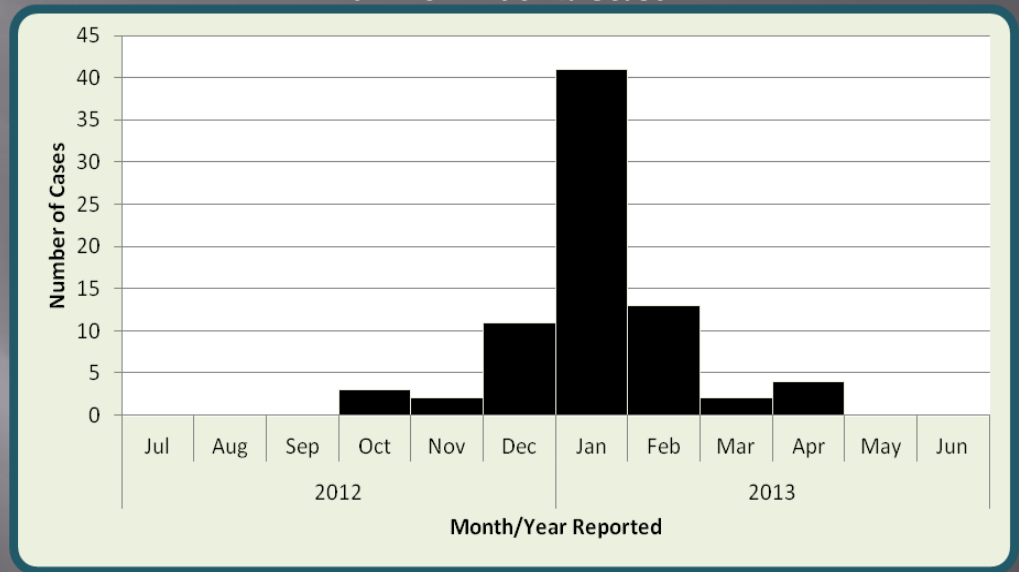


*Provisional Data

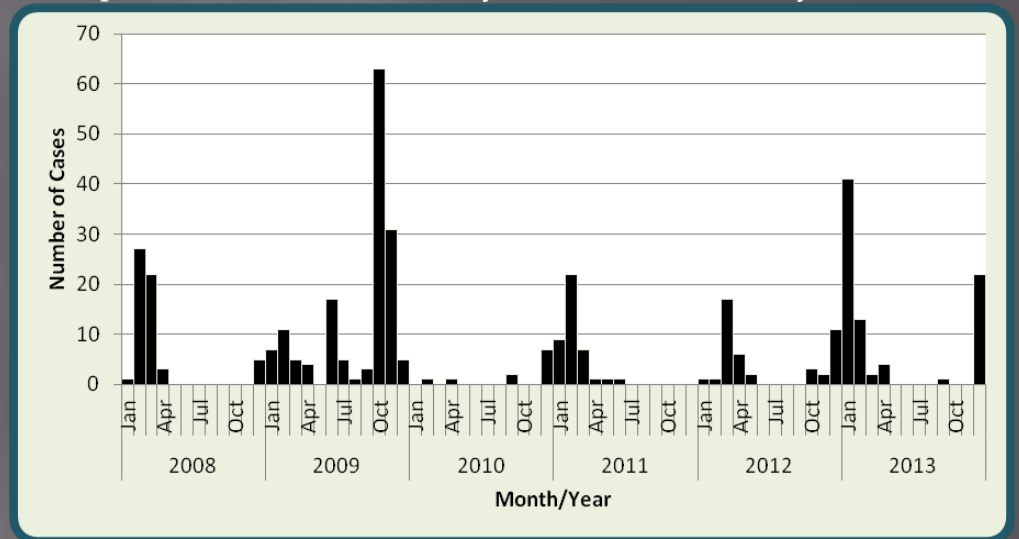
Influenza

- ▣ Season started early (October)
- ▣ Peaked in January
- ▣ More cases than previous season
 - ▣ 76 reported hospitalized
- ▣ Strain –Type A (H3)

Hospitalized Influenza Cases by Month, Davis County, 2012-13 Influenza Season

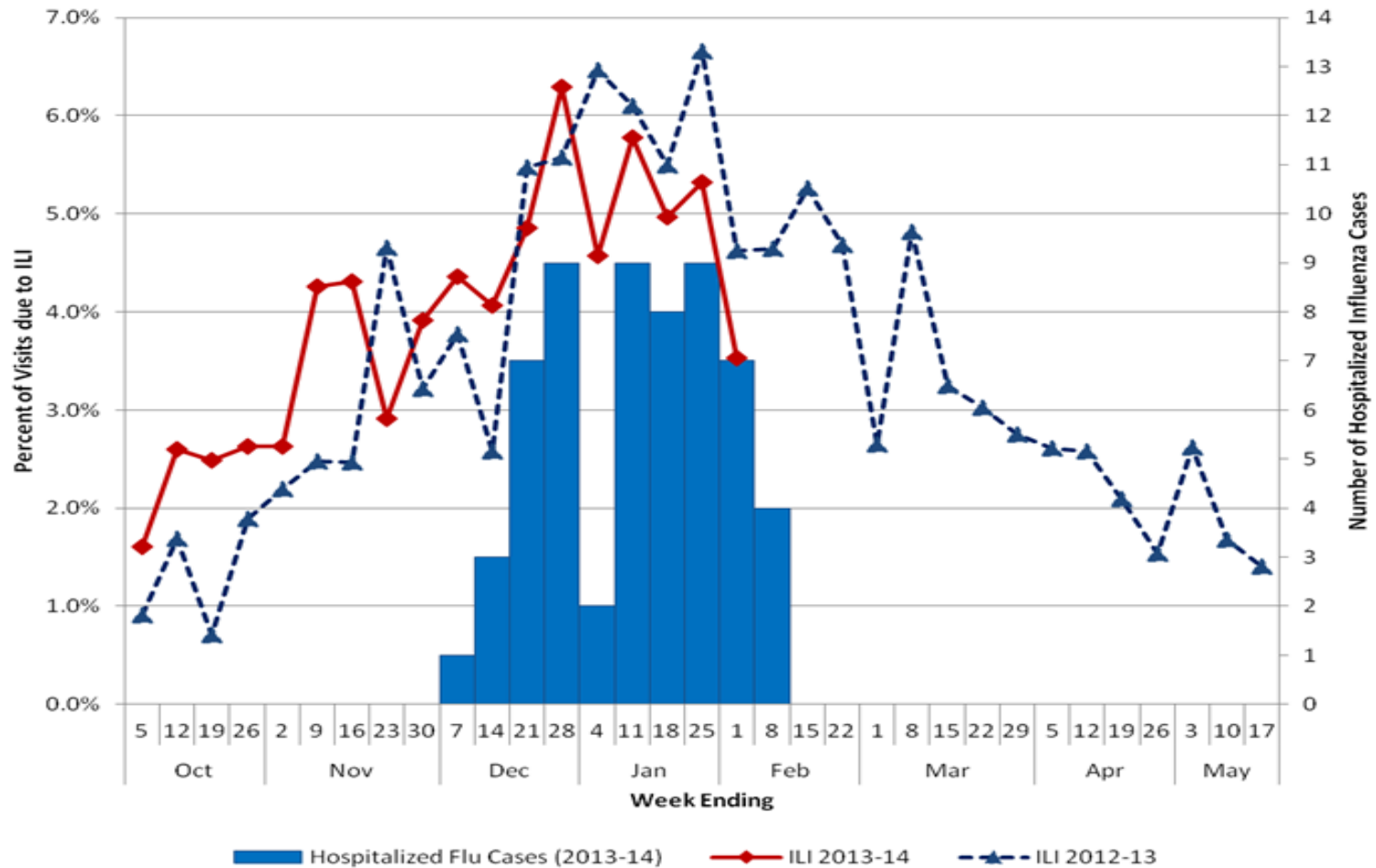


Hospitalized Influenza Cases by Month, Davis County, 2008-2013



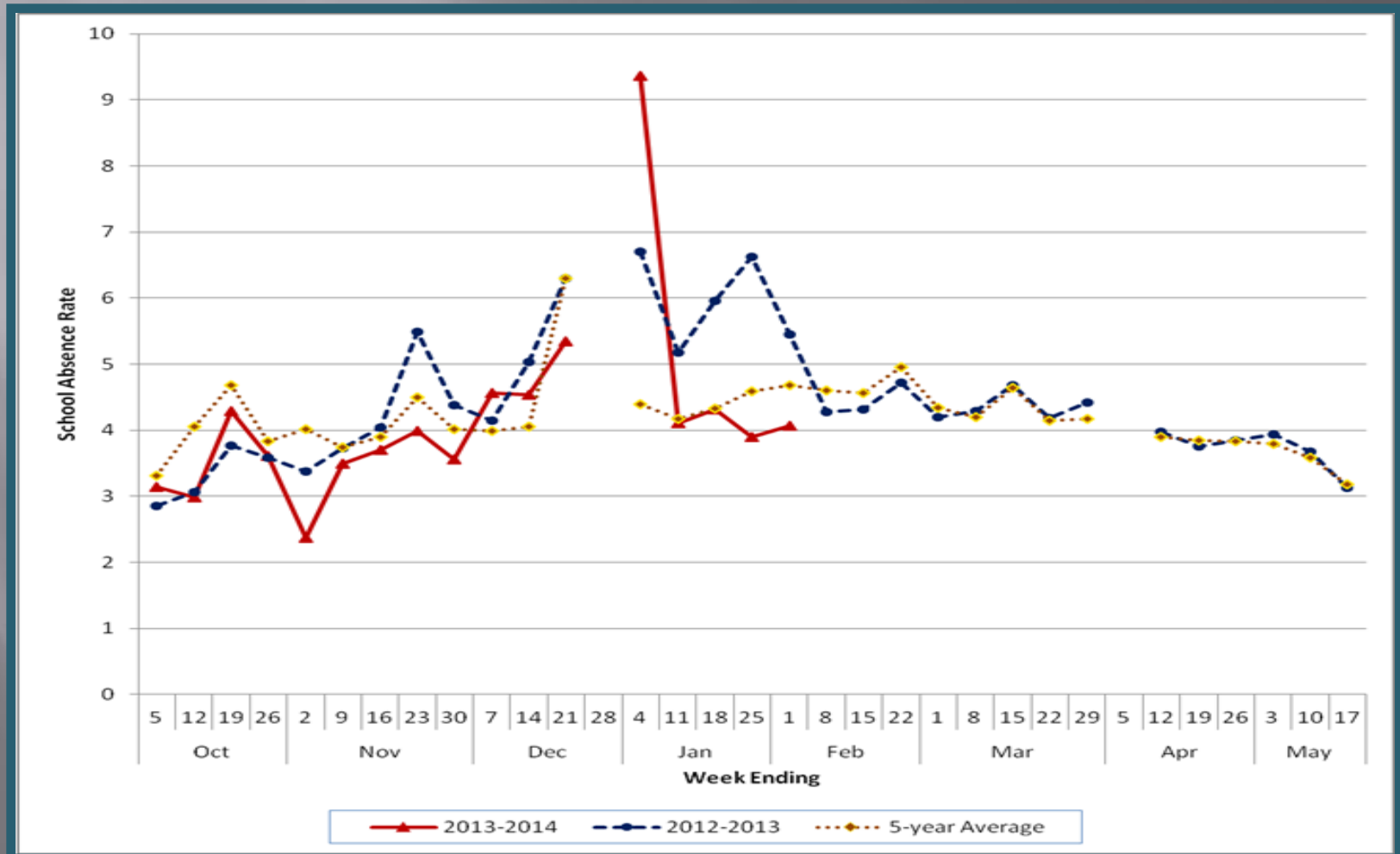
Current Influenza 2014

Influenza-Like Illness (ILI) Rates & Hospitalized Influenza Cases 2013-2014 Season



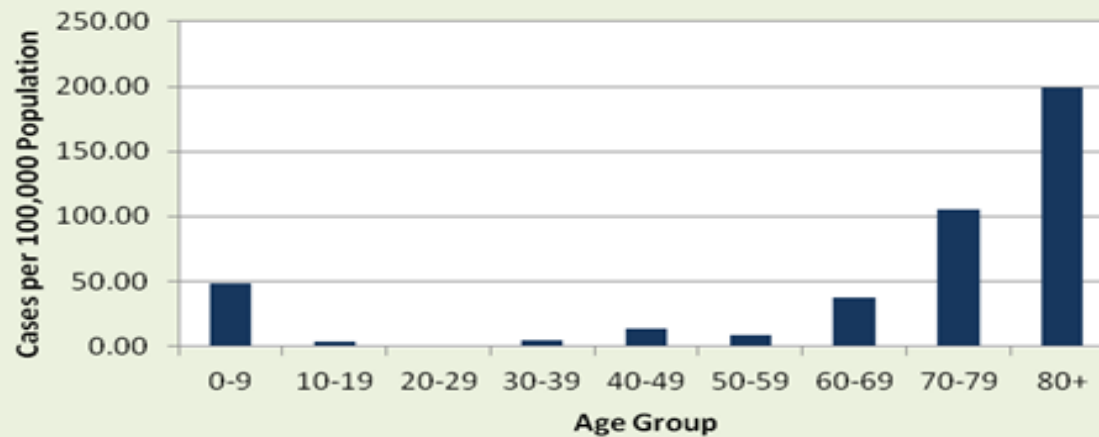
Current Influenza 2014

Davis County School Absence Rates
2012-13, 2013-14, and 5 Year Average

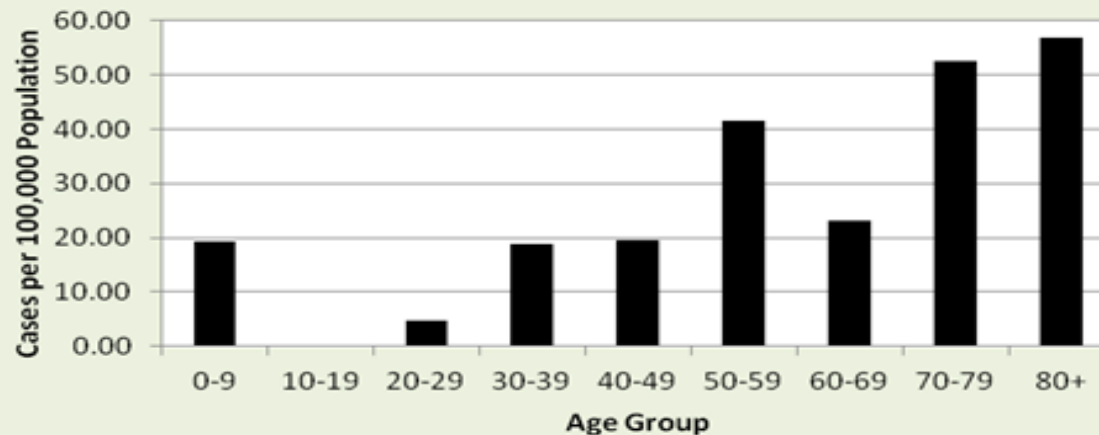


Current Influenza 2014

**Rate of Hospitalized Cases by Age Group,
Davis County, 2012-13**



**Rate of Hospitalized Influenza Cases by Age Group,
Davis County, 2013-14**



Questions

